

CLAIMS:

1. An electroluminescent display comprising at least a first display pixel (6) and a second display pixel (7) formed on a substrate (1), said first and second display pixels comprising at least:

- a first electrode (2) deposited on or across said substrate (1),
- an electroluminescent layer (4), and
- a second reflective electrode (5),

wherein said first display pixel (6) and said second display pixel (7) are separated by a region comprising at least one insulating structure (3), characterized in that said insulating structure (3) is adapted to suppress the output of light (11'') at said second display pixel (7) reflected at said second reflective electrode (5), which light (11'') originates from light (11') incident from at least said first display pixel (6) and/or said substrate (1).

2. An electroluminescent display as claimed in claim 1, wherein said insulating structure (3) comprises at least one edge near or along said second display pixel (7).

3. An electroluminescent display as claimed in claim 2, wherein said edge comprises at least one slanting side wall (8) having an angle Φ towards said second display pixel (7).

4. An electroluminescent display as claimed in claim 3, wherein said angle Φ is larger than $(\theta_2^{\max} + \theta_2^{\min})/2$, with θ_2^{\max} and θ_2^{\min} being the maximum and minimum angles of refraction at the interface of the substrate (1) and the insulating structure (3), respectively.

5. An electroluminescent display as claimed in claim 3 or 4, wherein said angle Φ is chosen to be dependent on a desired viewing angle θ_5 in accordance with Figure 4A.

6. An electroluminescent display as claimed in claim 3, 4 or 5, wherein said angle Φ is larger than 40° .

7. An electroluminescent display as claimed in claim 1, wherein said insulating structure (3) is made of a material with a refractive index which is equal to or higher than 2.0.
8. An electroluminescent display as claimed in claim 7, wherein said insulating structure (3) comprises TiO_2 or SnO_2 .
9. An electroluminescent display as claimed in claim 3, wherein said insulating structure (3) comprises a roughened surface (12) of said slanting side wall (8).
10. An electroluminescent display as claimed in claim 3, wherein said insulating structure (3) comprises a curved side wall (13).
11. An electroluminescent display as claimed in claim 1 or 2, wherein said insulating structure (3) comprises light-absorbing particles.
12. An electroluminescent display as claimed in claim 3, wherein said insulating structure (3) comprises a light-absorbing grid (14) suitably deposited underneath said slanting side wall (8).
13. An electroluminescent display as claimed in claim 1 or 2, wherein said insulating structure (3) comprises a light-absorbing material (15) which partly replaces said second reflective electrode (5).
14. An electroluminescent display as claimed in claim 1, wherein said insulating structure (3) is adapted in accordance with a combination of any one of the preceding claims.
15. An electronic device comprising an electroluminescent display as claimed in any one of the preceding claims.